

400 Miles Now Complete Crews Continue “Maintaining the Mains” in 2002

The second season of “Maintaining the Mains,” Tucson Water’s system-wide preventative maintenance project, is going strongly with a total of 253 miles of water mains flushed and tested since last November. According to Ted Sroka, Tucson Water Operations and Maintenance Administrator, the program has now been completed on more than 400 miles of the City’s water mains.

This on-going program is designed to make our water system operate more efficiently and identify and repair potential problems before they occur. Crews flush water at high speed through mains, and check water valves and fire hydrants for proper operation. Flushing is done only at night to minimize the impact of temporarily lowering water pressure in neighborhoods and the program is only conducted during the winter months. Customers are always informed in advance when “Maintaining the Mains” is scheduled in their neighborhood.

Your Water Connection

News & Tips for Tucson Water Customers

Expansion Underway at Clearwater

— More Blended Water On Tap —

Work is underway on the expansion of the Clearwater Renewable Resource Facility in Avra Valley. That means more blended water will be available for Tucson this summer.

Since Tucson Water began operating Clearwater in May of 2001, the Facility has produced about twenty million gallons of water a day. Four new wells being constructed at Clearwater will make an additional six million gallons a day available by early May.

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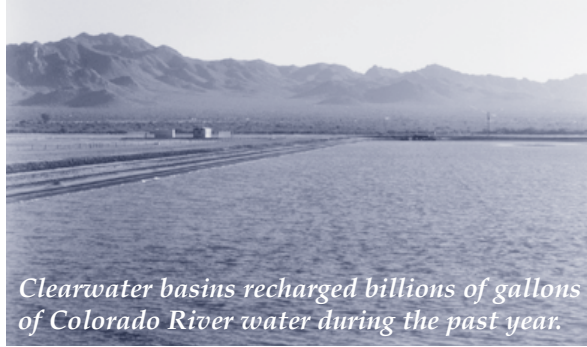
Expansion Underway at Clearwater

— More Blended Water On Tap —

Continued from Front

Peter Abraham, Project Manager for the well construction, reports that five more wells should be complete by September, producing about twelve million gallons of water a day. "By early fall we'll be delivering a total of about 38 million gallons of blended water every day," says Abraham.

At Clearwater, recharged Colorado River water and groundwater mix underground and this blend is then pumped through an 11 1/2-mile long pipeline to Tucson. The blended water is then added to Tucson Water's distribution system where it blends once again with the groundwater from Tucson area wells before being delivered to customers.



Clearwater basins recharged billions of gallons of Colorado River water during the past year.



Water Rate Discussion and Analysis Underway

In February, Tucson's Mayor and Council gave preliminary approval to Tucson Water's 5-year Financial Plan, which includes an increase in revenues. This decision did not determine how water rates may change in order to collect those needed additional revenues.

Much public discussion and expert analysis will be required before September when the Mayor and Council plan to hold a Public Hearing and make a final decision on water rates. The Citizens' Water Advisory Committee (CWAC), a group made up of Tucson Water customers, will be reviewing the financial plan including operating and capital budget proposals, revenue projections, and the Utility's cash position. CWAC meets at least once each month, typically the first Tuesday. These meetings are open to the public and provide an opportunity for public comment.



Tucson Water's Peter Abraham is supervising construction of the new wells at Clearwater.



On the Water Front

Just a few years ago, it would have been inconceivable to be talking about shutting down groundwater wells in Tucson during the summer. During the

summers of 2000 and prior, Tucson Water was struggling just to pump enough water to meet our customers' needs through the hot summer months.

All that changed last May when we began using blended water from the new Clearwater Renewable Resource Facility in Avra Valley. This combination of recharged Colorado River water and native groundwater, blended naturally underground, is a renewable water source of enormous value to our community. During the past year, we've delivered about 20 million gallons of blended water each day (more than 6 billion gallons altogether) to Tucson Water customers. Using this new water resource allowed us shut down 26 wells in the central city last summer and keep them off. As a result, our water table has already begun rising in some areas.

Since then, we have been working on the expansion of Clearwater to increase the amount of water it can produce – up to 38 million gallons a day by the end of this summer. The addition of that water to our system will allow us to shut down about 30 more groundwater wells in the near future.



If we all work together to use water wisely again this summer, Tucson Water will be able to keep these wells shut down and our water table will continue to recover from decades of over pumping. We'll be sharing more information with you throughout the year about the improvements at Clearwater, our rising water table, and the benefits to our environment.

David V. Modeer
Director, Tucson Water

Visit the Tucson Water Web Site at <http://www.cityoftucson.org/water>

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City of Tucson TTY number: 791-2639



Si usted desea este documento escrito en español, por favor, llame al 791-4331.

Clearwater Quality Report - March 2002

43	Sodium (ppm)
267	Mineral Content (ppm)
89*	Hardness (ppm)
8.0	pH (units)
Neg*	Coliform Bacteria
1.05	Chlorine level average (ppm)
85.4	Temp (deg F)

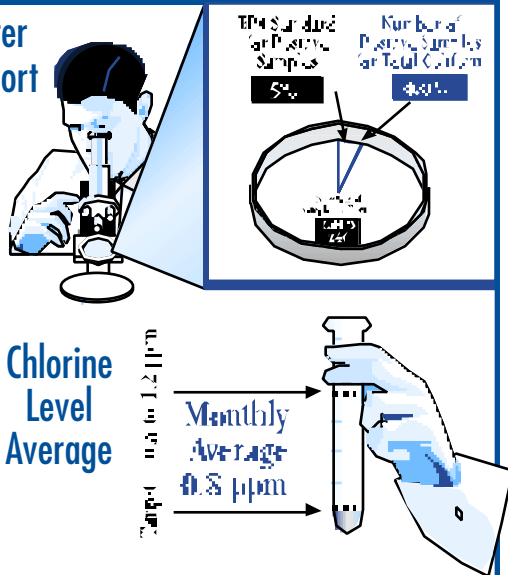
* Values for February

GROUNDWATER QUALITY REPORT - January 2002

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	46 46-46	40 36-44	43 28-58	37 28-44	37 32-46	35 26-42	29 23-37	41 40-42	44 40-49	40 40-40	38 23-58
Mineral Content (ppm)	Average Range	394 187-543	254 221-292	278 199-459	232 183-329	237 164-347	238 202-282	221 181-300	339 229-417	277 205-566	237 212-380	261 164-566
Hardness (ppm)	Average Range	186 101-314	101 91-120	125 91-197	86 70-98	104 82-165	100 90-119	110 93-141	204 131-252	111 85-172	134 74-194	115 70-314
pH (units)	Average Range	7.6 7.4-8.2	8.1 8.0-8.2	8.0 7.5-8.2	8.0 7.5-8.2	7.9 7.4-8.2	7.9 7.4-8.2	7.9 7.6-8.1	7.7 7.4-8.1	7.9 7.3-8.2	7.9 7.5-8.0	7.9 7.3-8.2
Temperature (deg F)	Average Range	68 61-73	71 64-79	70 62-79	76 68-81	71 65-80	70 60-77	70 62-76	72 63-82	73 64-80	72 66-77	71 60-82

COLIFORM BACTERIA TESTING RESULTS - January 2002

Groundwater Quality Report



"PPM" means one part per million & is about the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10 zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.